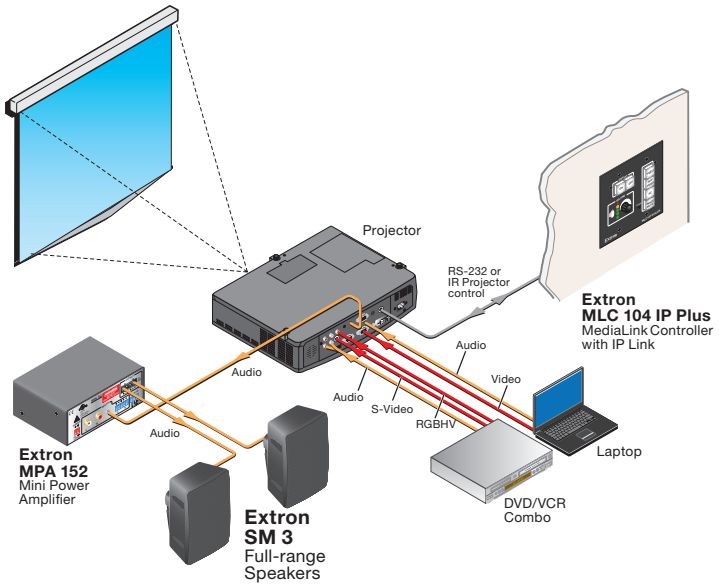
IMPORTANT:
Refer to www.extron.com for the complete user guide and installation instructions before connecting the product to the power source.

SM 3 • Setup Guide

This setup guide contains installation information about the Extron SM 3 speaker. The SM 3 speaker is a low profile surface-mount speaker system that features a three-inch full-range driver with very wide audio dispersion. Speaker mounting incorporates a separate wall mounting plate that can be attached directly to a wall stud or to an electrical box behind the wall. The speaker wiring attaches to the wall mounting plate so that the speaker can easily slide into the mounting plate, making electrical contact between the mounting plate and the contacts on the speaker. A built-in locking mechanism between the speaker and the mounting plate also prevents the speaker from being removed by unauthorized personnel. The speaker may be easily removed by depressing a hidden release mechanism that does not require tools. As an added feature, a security key is provided to lock the mechanism in order to prevent unauthorized speaker removal.

CAUTION: Installation and service must be performed by authorized personnel only.

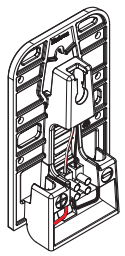
The illustration below is one example of configuring a system using the SM 3 speakers.



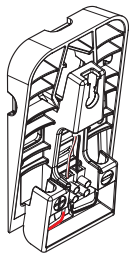
Installing the Speaker Mounting Plate

The SM 3 speaker comes with two types of speaker adapter plates:

- **0° mounting plate** — The 0° mounting plate allows the speaker to be mounted flat on a vertical wall surface with the speaker protruding less than four inches (ADA compliant) from the wall surface (see the illustration below).
- **10° mounting plate** — The 10° mounting plate allows the speaker to be mounted at a ten degree angle so that the speaker can be pointed down from an elevated position (see the illustration below).



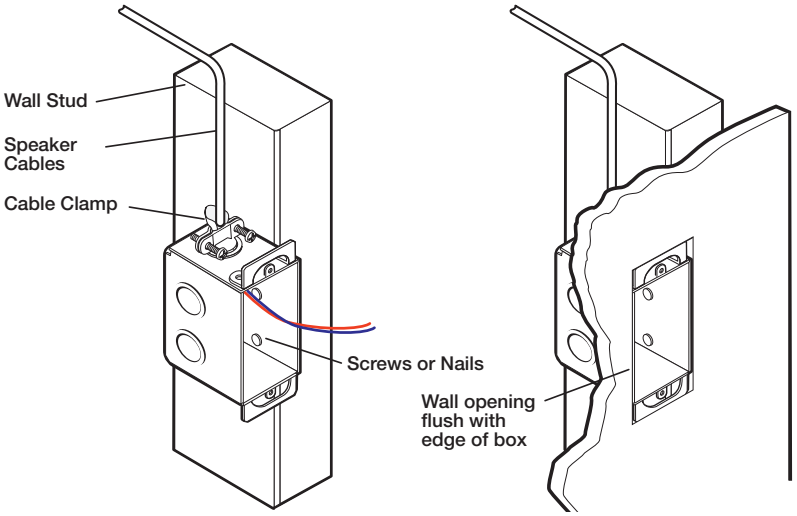
0° Mounting Plate



10° Mounting Plate

Mounting to a Wall Box

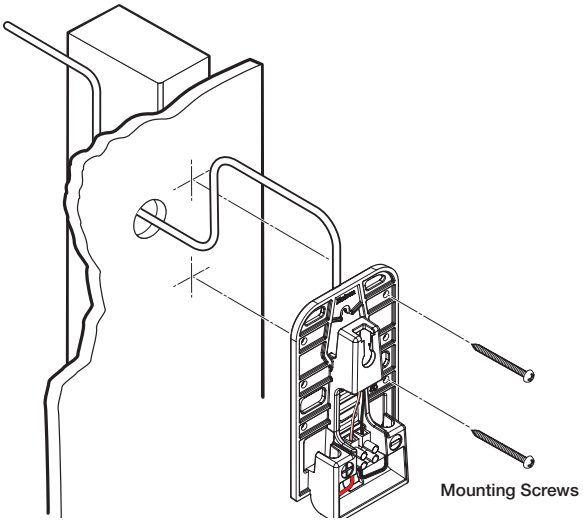
1. Install the speaker cables into the wall or conduit before installing the wall box.
2. Place the wall box against the installation surface, and mark the guidelines for the opening on the wall.
3. Cut the material from the marked area.
4. Insert the wall box to check the size of the opening and fit. Enlarge or smooth the edges of the opening if needed.
5. Feed cables through punch-out holes of the wall box leaving enough slack for the speaker connections and secure them with cable clamps to provide strain relief.
6. Insert the wall box into the opening and attach it to the wall or stud, leaving the front edge flush with the outer wall.
7. To attach a wall box to wood, use four #8 or #10 screws or 10-penny nails. A minimum of 1/2 inch (1.3 cm) of screw threads must penetrate the wood.



Mounting to a Wall Stud

1. Install the speaker cables into the wall or conduit before installing the speaker mounting plate.
2. Locate the wall stud where the mounting plate will be installed and while positioning the mounting plate on the wall mark the location of two pilot holes using the holes on either side of the mounting plate so that the stud does not interfere with the speaker wire routing, as shown below.

> **NOTE:** A speaker wire access hole (see below) must also be cut in the wall, so mark that hole location now with the mounting plate positioned on the wall while ensuring that the wall stud does not interfere with the wire routing and that the mounting plate hides the access hole.



3. Drill the mounting plate pilot holes and cut the speaker wire access hole, as previously marked.
4. Route the speaker cables through the wall without snagging while leaving enough slack to connect the wires to the mounting plate quick connect contacts.

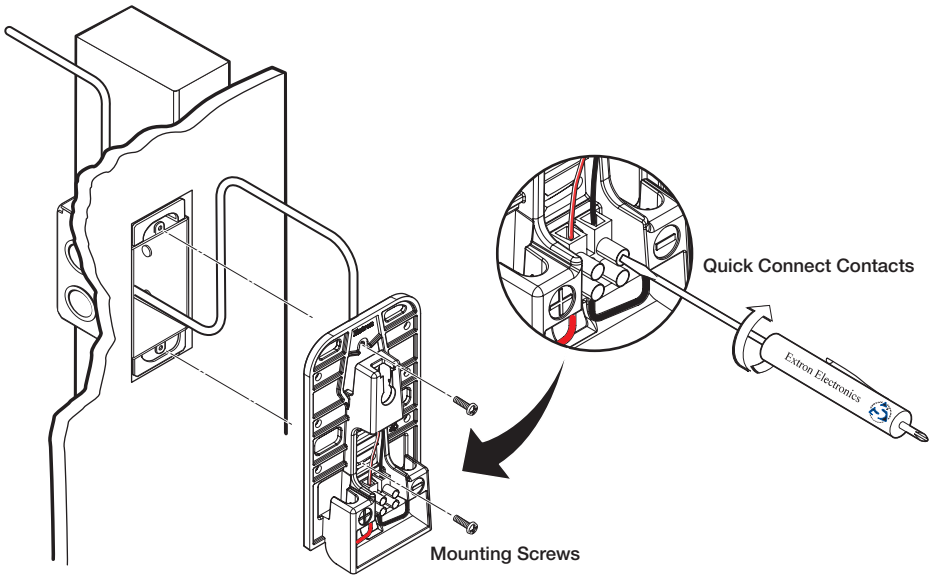
Wiring the Speaker Mounting Plate

1. Route the two speaker wires through the rear of the mounting plate and attach the wire ends to the quick connect contacts using a small screwdriver (see the example illustration below) while observing the correct polarity.

   NOTE: The positive (+) connector and the negative (-) connector are marked on the mounting plate.

2. Attach the mounting plate to the wall box (where used) or to the wall stud, using two mounting screws (see the example illustration below).

   NOTE: The mounting screw holes in the mounting plate allow for some degree of play and lateral movement so that the mounting screws may be aligned properly with the screw holes of the wall box.



Attaching the Speaker to the Mounting Plate

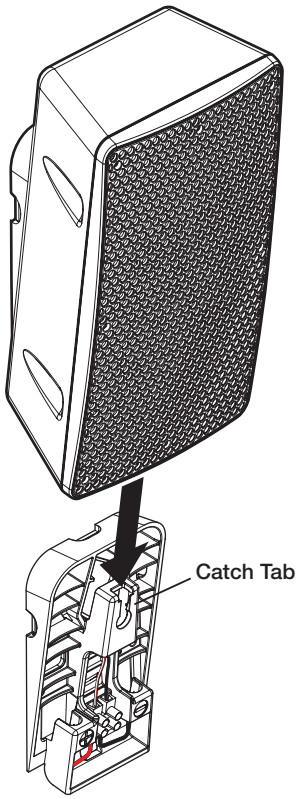
Step 1: Attaching the speaker

Position the rear mounting slot of the speaker above the catch tab of the adapter plate and slide the speaker down into the mounting plate so that the speaker is secured in place (see the illustration on the right). When properly seated, the speaker connections are automatically made.

NOTE: By default, the speaker is set to the "unlocked" position.

After mounting, the speaker may be locked to the mounting plate by turning the key to the locked position (see step **2**).

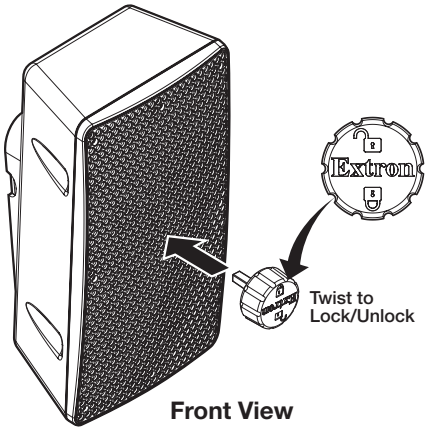
NOTE: To avoid misplacing the key, store the key in a secure location for future use.



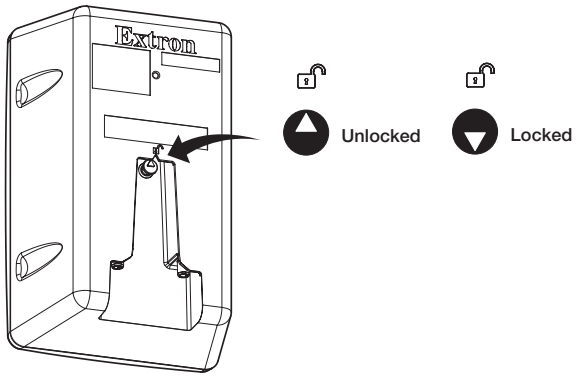
Step 2: Using the security key to lock the speaker

The SM 3 speaker uses an included security key to lock and unlock the speaker to its mounting plate (see the illustrations below). The key has two positions, lock and unlock. The active position of the key is nearest the top of the speaker.

Insert the key into the center keyhole of the speaker grill and turn the key as needed (see the illustration below). There are three small raised "dimples" on the grill surface that surrounds the keyhole.



Front View



Rear View

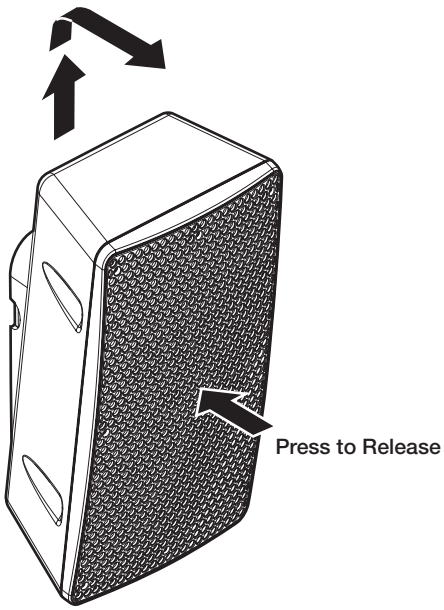
CAUTION: The key must be rotated to the unlocked position before the speaker is mounted to the mounting plate (see the rear view illustration above). Failure to place the speaker in the unlocked position will result in damage to the speaker lock mechanism should an attempt be made to mount the speaker.

Removing the Speaker from the Mounting Plate

To remove the speaker from the mounting plate, you must unlatch the locking mechanism:

1. Insert the security key into the keyhole of the speaker grill (see Step **2** of the previous section) and turn the key to the unlocked position.
2. Remove the security key.
3. Apply pressure with your finger over the keyhole to unlatch the speaker from the mounting plate and lift up on the speaker (see the illustration on the right).

CAUTION: To avoid damaging or scratching the grill, do not use tools or sharp instruments to depress the unlocking mechanism hidden behind the center of the grill.



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68-1540-50
Rev. **A**
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